



3 MILLION DOLLAR ANDERSON POND MODIFICATION PROJECT

THIS PROJECT IS INTENDED TO DECREASE COMBINED SEWER OVERFLOWS BY SEQUENCING THE MAIN WASTEWATER TREATMENT PLANT POND WITH THE ANDERSON POND. THE ANDERSON POND WILL HAVE THE EXISTING ASPHALT LINER DEMOLISHED, THE TOP OF THE BANK RAISED, AND THEN A COMBINATION OF A NEW ASPHALT LINER ON THE BOTTOM AND AN ASPHALT LINER ON THE SIDES WILL BE INSTALLED. A NEW LIFT STATION CONTAINING THREE (3) DRY WELL PUMPS WILL BE INSTALLED WITH A NEW CONCRETE WET WELL AND ASSOCIATED VALVES AND CONTROLS. A NEW 30" DIAMETER GRAVITY SEWER LINE WILL FLOW FROM THE ANDERSON POND TO THE NEW WET WELL AND A NEW FORCE MAIN WILL FLOW BACK TOWARDS ANDERSON POND. TWO (2) SMALL CAST-IN-PLACE CONCRETE STRUCTURES WITH OVERFLOW WIRES, SLIDE GATES, VALVES, AND GRATING ARE ALSO PROPOSED. THE ELECTRICAL PORTION CONSISTS OF A DETAILED CONTROL LOGIC THAT WILL BE PROGRAMMABLE IN ORDER TO MAXIMIZE THE STORAGE VOLUME OF BOTH PONDS.